

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ronald O. Neerings on 12/16/09.

The application has been amended as follows:

#### IN THE CLAIMS:

Claim 11, line 3, "FIR" has been replaced by --finite impulse response (FIR)--.

Claim 25, line 3, "FIR" has been replaced by --finite impulse response (FIR)--.

Claim 36 has been amended as follow:

--36. (Currently amended) The base station of claim 30, [wherein one of the peak detection and cancellation circuits comprises a cancellation pulse generator; and]

wherein the at least one cancellation pulse generator comprises:

a look-up table memory for storing a plurality of finite impulse response (FIR) [FIR] pulse coefficients;

computational circuitry, coupled to the look-up table memory and to a peak detector circuit, for producing a data stream corresponding to the combination of the FIR pulse coefficients with an offset corresponding to the peak location; and

gain scaling circuitry coupled to the computational circuitry, for scaling the data stream responsive to the filter value from a filter generator of the peak detector circuit.--

Claim 38, line 1, "each of" has been deleted; line 2, "plurality of" has been replaced by --at least one--; line 2, "generators" has been replaced by --generator--.

**Examiner's Comment Re: Drawings**

2. The following changes to the drawings have been approved by the examiner: The drawings should be labeled as "FIG." followed by the drawing number. Please submit replacement page for figs.1, 7A, 7B, 9A, 9B, 13, 14A, and 14B with the correct label. In order to avoid abandonment of the application, applicant must make the changes noted above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean B. Corrielus whose telephone number is 571-272-3020. The examiner can normally be reached on Monday-Thursday from 9:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2611

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/Jean B Corrielus/  
Primary Examiner, Art Unit 2611